



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RB DB3188L-1
Job Sheet 185789



Part No: RB DB3188L-1

Job Qty: 6 ea

Part Name: Drain Hose Adapter



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 11/2/18

Job Tracking No:

Due Date: 11/14/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG RB DB3188L Rev 6A IPP Rev A 18.02.23 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	6 Ea		11/14/18	0.00	0.00	Start Up Machining-4		JB 18.12.12
110	CNC Lathe	6 pcs		11/14/18	0.00	3.00	MORI SL-154		18/12/14
120	QC	6 pcs		11/14/18	0.00	0.00	QC2		18/12/14
122	Mill Conv	6 pcs		11/14/18	0.00	1.50	Mill Conv 1		
124	QC	6 pcs		11/14/18	0.00	0.00	QC2 Machining-1		18/12/17
130	QC	6 pcs		11/14/18	0.00	0.00	QC8		18/12/17
150	Outsource	6 pcs		11/14/18			-ATG001-VC Groupe A10		18/12/17
160	Packaging	6 pcs		11/14/18	0.00	0.00	Packaging2		DEC 18 2018
170	QC	6 pcs		11/14/18	0.00	0.00	QC6		61
180	Packaging	6 pcs		11/14/18	0.00	0.00	Packaging3		DEC 18 2018
190	QC21-SA	6 Ea		11/14/18	0.00	0.00	QC21		DEC 20 2018

Part Op 110 - 1-Machine as per DWG. FOLIO FC472 FOLIO REV: _____ DWG REV: _____ 2-Debur
Descriptions: 122 - Machine as per drawing GA
150 - -Issue P/O to ATG: PO 042057 -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant -Certificate of Conformity is required

GA 075

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M6061T6R1.000	Round Bar 1.00"	.8880 ft (.148 ea)	90-Start up Operation	5127980

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	M6061T6R1.000	1	56	0



Container No: S137455



Part: RB DB3188L-1

Job No: 185789

Serial No/Batch: S137455

Revision: 6A

Inspector:

Exp Date:

Instructions:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

cations

d not be found.

Plex 11/2/18 8:47 AM Dart.lajeunesse.marie

Date: 12/12/18

DAS
62
9-89

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

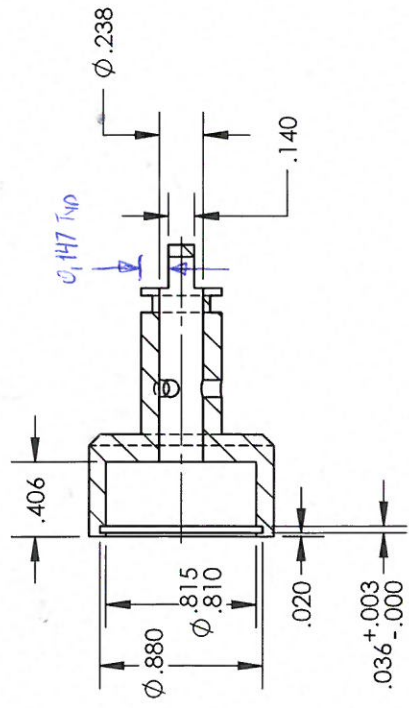
QA Closed: _____ Date: _____

Work Order update only ☐

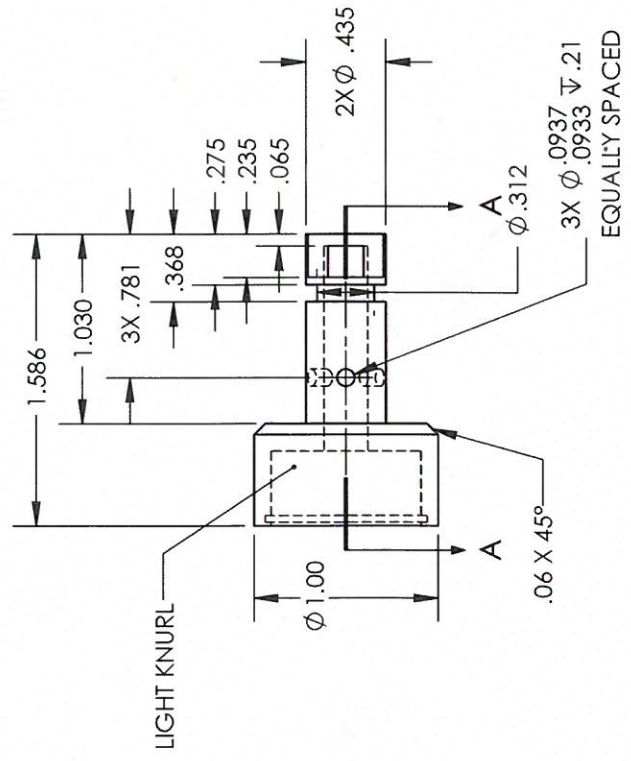
Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐	
Date: _____		Step #: _____		QTY Effective: _____	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
				MRB (QSI042) Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐		FAULT CATEGORY No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	
OTHER: _____					

This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

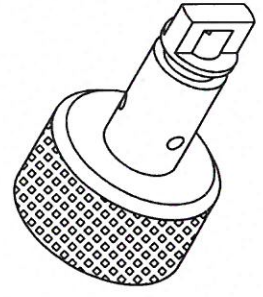
REVISIONS			
REV	DESCRIPTION	DATE	INITIAL
5	-1 DRAIN HOLE ENLARGED FROM Ø.225 TO Ø.238 TO ACCOMMODATE TOOLING.	3/17/2009	WP
			APPROVED
			GE



SECTION A-A



LIGHT KNURL



SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. ~~184747~~ 185789 18-10-16 MLC

(-1)

QUILL

RB RED BARN MACHINE

TITLE TRANSMISSION DRAIN TOOL

DWG NO. RB DB3188L-1 REV 6A

MAT'L 6061	DRAWN BY: D ROBERTS
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES XXX ± .006 XX ± .01 X ± .01	APPROVED <i>D. Roberts</i>
1. BREAK ALL SHARP EDGES .015 x 45°	TREAT FINISH RED ANODIZE
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	SPEC. MIL-A-8625E, TYPE II, CLASS II
SCALE 1:1	USED ON MODEL
DATE 4/15/2002	SEE SHT 1
SHEET 2 OF 4	

189798

DART AEROSPACE LTD		Work Order:	789-198
Description: TRANSMISSION DRAIN TOOL		Part Number:	RB DB3188L-1
Inspection Dwg: RB D3188L-1	Rev: 6A	Page 1 of 1	

INSPECTION SHEET

[illegible]

Measured by:	1/18/12/17	Checked by:	mmL	QC Inspector:	
Date:		Date:	18/12/17	Date:	

Engineering Approval: (If necessary)		Date:	
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Rev	Date	Change	Revised by	Approved
A	14.07.31	New Issue	KJ	



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO042057**

Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

PO No: PO042057
PO Date: 12/17/18
Due Date: 12/21/18
Purchase Order Revision:
Revision Date:
Ship-To Contact: Tsimiklis, ChrisoulaPhone:

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pymt Terms: Net 60

Freight Terms:
Special Comments:

revised

*-cls qty. signed
PO behind.*

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	187448	RBH9928-2	Trim Tab Bender -Issue P/O : PO ***ENSURE TO SHIP BOTH PARTS*** -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant -Certificate of Conformity is required	Firmed	-	12/21/18	10 pcs	0 pcs	10 pcs	\$9.25/pcs	\$92.50
2	184749	RB DB3188L-5	Drain Hose Adapter -Issue P/O : PO -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant -Certificate of Conformity is required	Firmed	-	12/21/18	7 pcs	0 pcs	7 pcs	\$1.25/pcs	\$8.75
3	186433	RBW7839-2G-1	Quill -Issue P/O : PO -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant -Certificate of Conformity is required	Firmed	-	12/21/18	8 pcs	0 pcs	8 pcs	\$1.25/pcs	\$10.00



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PURCHASE ORDER

PO042057

Items											
Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
4	185789	RB DB3188L-1	Drain Hose Adapter -Issue P/O to ATG : PO -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant -Certificate of Conformity is required	Firmed	-	12/21/18	9 pcs	0 pcs	9 pcs	\$1.25/pcs DAS 61 9-89	\$11.25
5	185158	RB T101740	Tail Rotor Blade Rigging Tool -Issue P/O to GROUPE ALTECH: PO -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant -Certificate of Conformity is required	Firmed	-	12/21/18	5 pcs	0 pcs	5 pcs	\$16.25/pcs	\$81.25
Grand Total:										\$203.75	

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 12/19/18 9:56 AM dart.tsimiklis.chrisoula



Certificat de Conformité / Certificate of Compliance

(015441-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
 Tel: 514-335-3666 Fax: 514-335-3868
 www.groupaltech.com

Bon de Livraison / Packing Slip

015441 - 1

Livré à / Ship to

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No.				
19-Dec-2018		Aman		042057				
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ N° Qty	Qté Scrap/	À venir/ Back Order
1	RBH9928-2 Rev.	RBH9928-2 01-ANO-RED [ANODIZE RED] MIL-A-8625 TYPE 2 CLASS 2	ANODIZE CH	10	10	0	0	0
2	RBDB3188L-5 Rev.	RBDB3188L-5 01-ANO-RED [ANODIZE RED] MIL-A-8625 TYPE 2 CLASS 2	ANODIZE CH	7	7	0	0	0
3	RBW7839-2G-1 Rev.	RBW7839-2G-1 01-ANO-RED [ANODIZE RED] MIL-A-8625 TYPE 2 CLASS 2	ANODIZE CH	8	8	0	0	0
4	RBDB3188L-1 Rev.	RBDB3188L-1 01-ANO-RED [ANODIZE RED] MIL-A-8625 TYPE 2 CLASS 2	ANODIZE CH	9	9	0	0	0
5	RBT101740 Rev.	RBT101740 01-ANO-RED [ANODIZE RED] MIL-A-8625 TYPE 2 CLASS 2	ANODIZE CH	5	5	0	0	0

Notes Additionnelles / Additional Notes

Épaisseur réelle
Actual Thickness
Inspecteur Qualité
Quality Inspector
Réçu par
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
 Our financial and legal responsibility will not be higher than the amount of invoice.

